

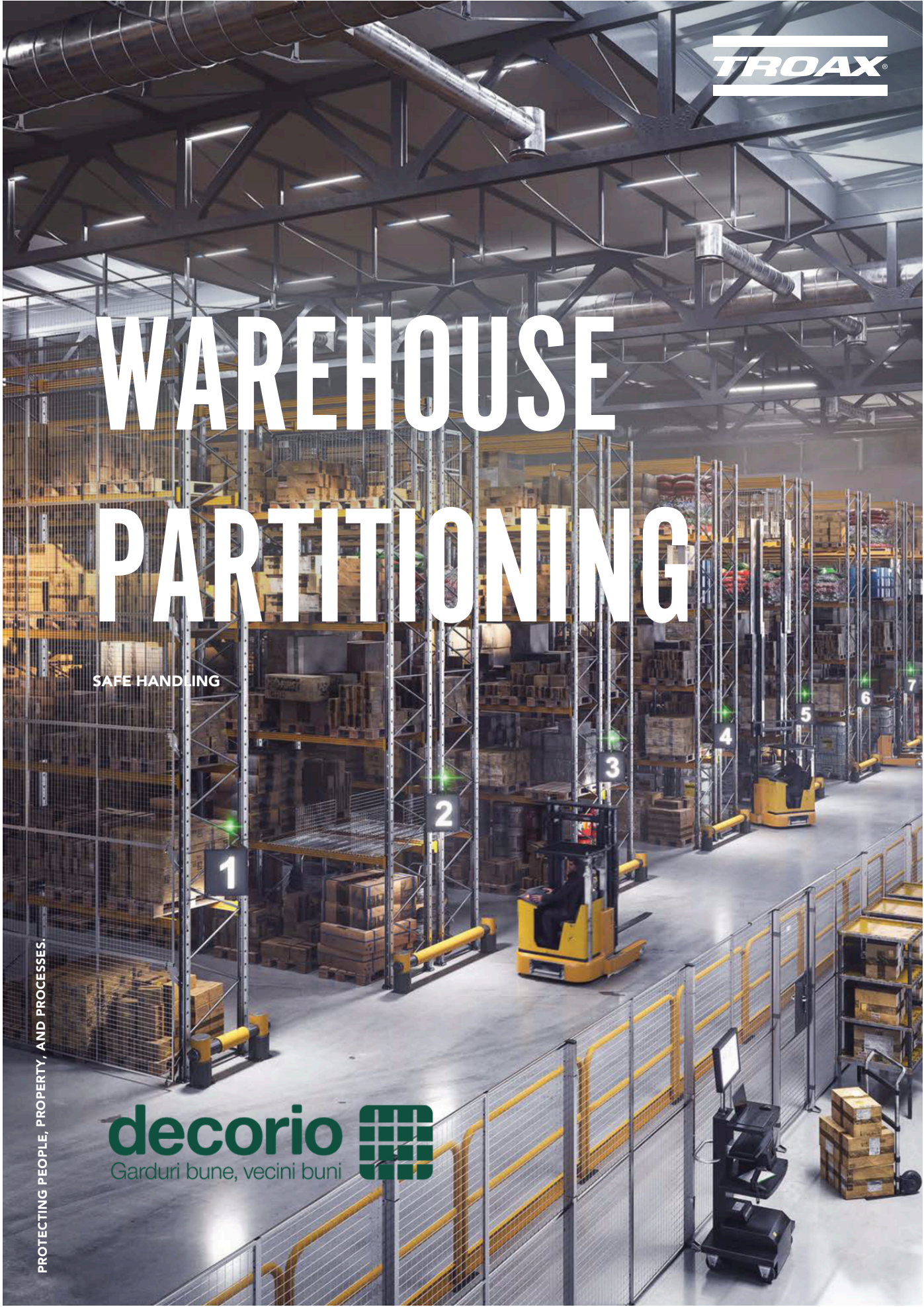


# WAREHOUSE PARTITIONING

SAFE HANDLING



PROTECTING PEOPLE, PROPERTY, AND PROCESSES.



# MATERIAL HANDLING MADE SAFE.



**1 TROAX CAGE**  
Our boxes are suitable for outdoor and indoor use, as a temporary or permanent solution.



**2 HINGED DOORS**  
We offer hinged doors in several widths and with a variety of locking options.



**3 MEZZANINE GUARD**  
The Mezzanine system with posts, panels, kick plates and guard rail protects both people and loose objects from falling down.



**4 SLIDING DOORS**  
We offer sliding doors in several widths and with a variety of locking options.



**5 SHELVES**  
Our sturdy shelves are made from steel mesh, which allows light as well as water from sprinklers to penetrate.



**6 ENCLOSURES**  
The Troax Partitioning System is flexible and can easily be adapted to fit in locations that are difficult to access.



**7 CEILINGS**  
Our mesh ceiling solution provides good visibility and ventilation. It allows light as well as water from sprinkler systems to penetrate.



**8 STORAGE UNITS**  
Our storage solutions are available with mesh panels or steel panels. Here also with mesh ceiling panels.



**9 PROTECTED AREA**  
With our modular Partitioning System you can protect areas and still get appropriate access with our flexible doors.



**10 TRUCK AISLES**  
The Partitioning System allows warehouse trucks to come through without compromising the safety of personnel or goods.



**11 AEROSOL STORAGE**  
Our smaller mesh size 25 x 25 mm, suits the particular requirement and specification for explosive products.



**12 ANTI-COLLAPSE SYSTEM**  
Our anti-collapse system is easily fitted using brackets that fit most pallet racking types. The screen prevents pallet spillage.



**TROAX OFFERS COMPLETE SOLUTIONS FOR YOUR ENTIRE LOGISTICS FLOW. OUR WAREHOUSE PARTITIONING SOLUTIONS WILL MAKE YOUR MATERIAL HANDLING BOTH SAFER AND MORE EFFICIENT.**

There are several dimensions to the safety of your material handling and logistics. Our world-class products, such as mesh panel partitions, mesh decking and anti-collapse systems, have been developed to make your material handling safe and simple. Made of wire mesh, our partitions offer excellent visibility and ventilation conditions.

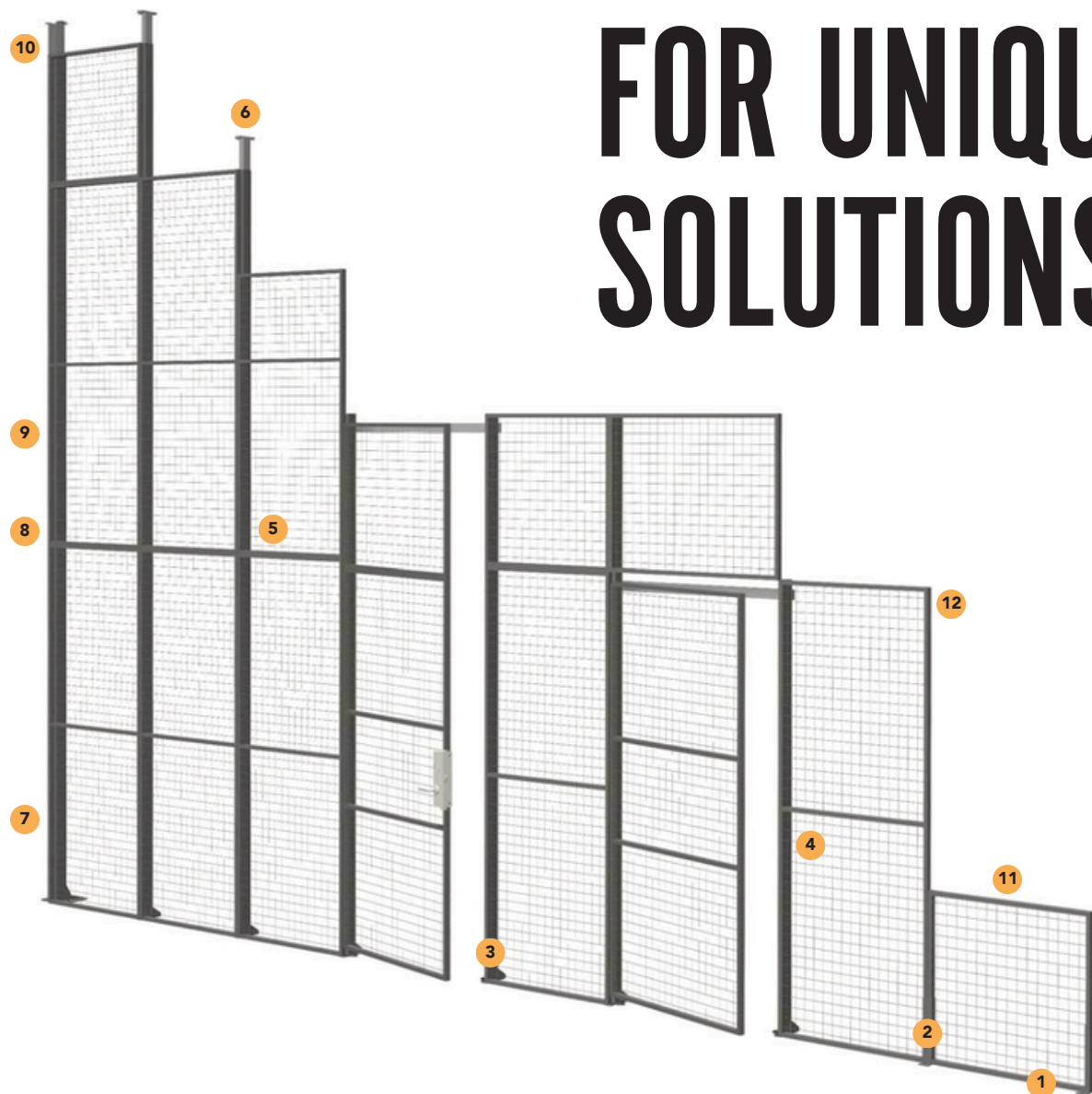
Our systems also allow light to penetrate and sprinkler systems to reach through walls and shelves in case of a fire. All in all, our warehouse products will improve any logistics environment, from large distribution centres to areas that need to be protected, such as data centres. Troax will create a solution that fits your needs.

Our mesh panel systems can be combined in a number of ways to suit your needs within material handling and logistics. This innovative approach will provide an affordable and future-proof solution.

To us, each installation is unique, and to make sure all our components and systems work together we have developed a number of smart accessories. For example, we can meet all required floor gaps between 0–100 mm.

Our flexible wall system consists of numerous accessories, which when put together creating a complete solution. Standard heights: 2,200 and 3,000 mm. Maximum free-standing wall: 6,600 mm. With fixings to the existing construction, there are almost no limitations regarding height.

# COMBINE OUR SYSTEMS FOR UNIQUE SOLUTIONS.



**1 END-RAISING FOOT UR/UX**  
This product is used when fitting panels in a corner, or as an end against a wall.



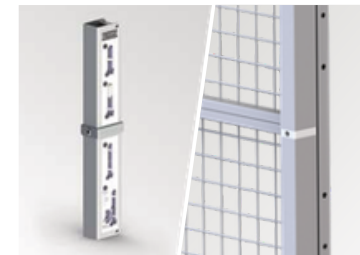
**2 RAISING FOOT UR/UX**  
This foot is used on panel joins where there is no post.



**3 POST**  
Our posts have a stable design and are the backbone of our systems.



**4 BRACKET 60x40 - POST**  
This product is used to locate posts behind panels. The brackets are easy to fit, with an even and neat-looking finish for the partition as a result.



**5 SMART SPLICE**  
The Smart Splice is used for partitioning walls taller than 3,000 mm. It is compatible with painted 60 x 40 posts and tubes.



**6 TOP FIXING 60x40**  
Used when fitting a high wall to the roof. Has a telescopic design to allow structural movement.



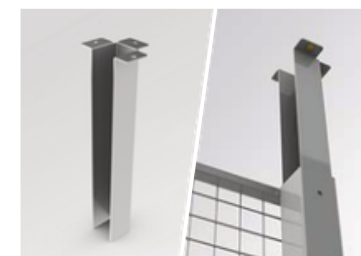
**7 POST 80x80**  
These strong posts are suitable for high free-standing walls when extra strength is needed.



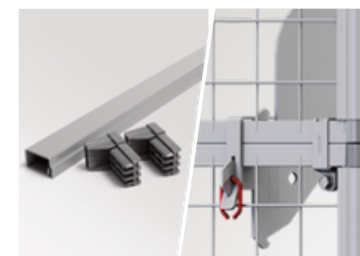
**8 BRACKET 80x80**  
Locate posts behind panels. Simple to fit resulting in a neat flush finish for the partition.



**9 EXTENSION BRACKETS 80x80**  
A smart solution for taller Partitioning walls. Top fixing recommended when building beyond 4,400 mm.



**10 TOP FIXING 80x80**  
Used when fitting a high wall to the roof. Has a telescopic design to allow structural movement.



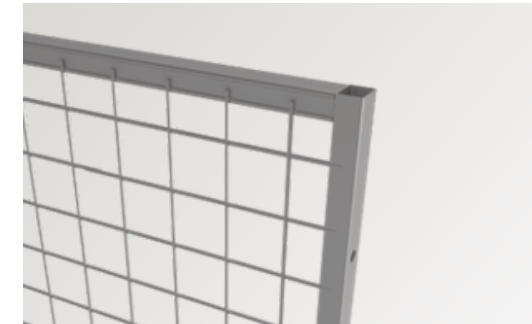
**11 CUT PROFILE - HEIGHT**  
This is an easy-to-use and flexible solution for adjusting the height of mesh panels during installation without losing the system's strength.



**12 CUT PROFILE - WIDTH**  
This is an easy and flexible way to adjust the width of mesh panels during installation without losing the system's strength.

# WALL SYSTEMS FOR WAREHOUSING.

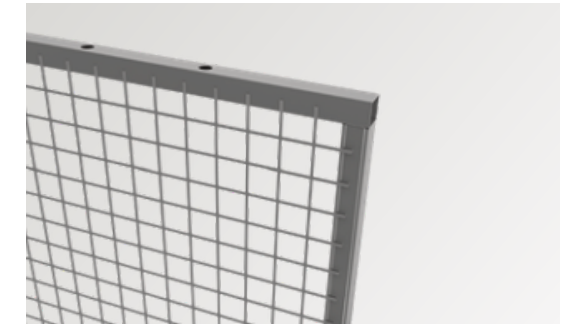
OUR WALL SYSTEMS ARE BASED ON MESH PANELS AND STEEL SHEET PANELS THAT ARE ADAPTABLE FOR HIGH OR LOW ASSEMBLY AND PROVIDE A RANGE OF SAFETY LEVELS. OUR STABLE AND DURABLE PARTITIONING WALLS HAVE BEEN DEVELOPED TO COVER ALL YOUR MATERIAL HANDLING NEEDS.



**50x50 (UR 350 & UX 450)**  
50 x 50 mm mesh panels are an ideal solution for providing a safe working environment that allows natural light and ventilation.

**Tube UR:** 19 x 19 x 1 mm or **UX:** 30 x 20 x 1.25 mm  
**Wire UR:** 2.5 x 2.5 mm or **UX:** 3.0 x 3.75 mm  
**Heights:** 800, 1,100\* and 2,200 mm  
**Widths:** 200, 300, 500, 700, 800, 1,000, 1,200 and 1,500 mm

\* Height 1,100 mm only for UR in widths 700, 1,200 and 1,500 mm.



**25x25 (UR 325)**  
25 x 25 mm mesh panels are adapted for applications that require a high level of safety, such as storing aerosols, or hazardous or high-value goods. The panels allow natural light and ventilation.

**Tube UR:** 19 x 19 x 1 mm **Wire UR:** 2.5 x 2.5 mm  
**Heights:** 800, 1,100\* and 2,200 mm  
**Widths:** 200, 300, 700, 800, 1,000, 1,200 and 1,500 mm

\* Height 1,100 mm only for widths 700, 1,200 and 1,500 mm.



**100x50 (UR 300)**  
100 x 50 mm mesh panels are a lighter alternative to 50 x 50 mm, but still a perfect solution for providing a safe working environment.

**Tube UR:** 19 x 19 x 1 mm **Wire UR:** 2.5 x 2.5 mm  
**Heights:** 1,100\* and 2,200 mm  
**Widths:** 200, 300, 700, 800, 1,000, 1,200 and 1,500 mm

\* Height 1,100 mm only for widths 700, 1,200 and 1,500 mm.



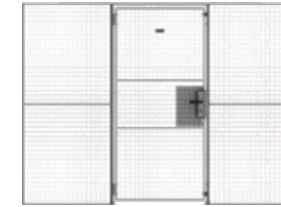
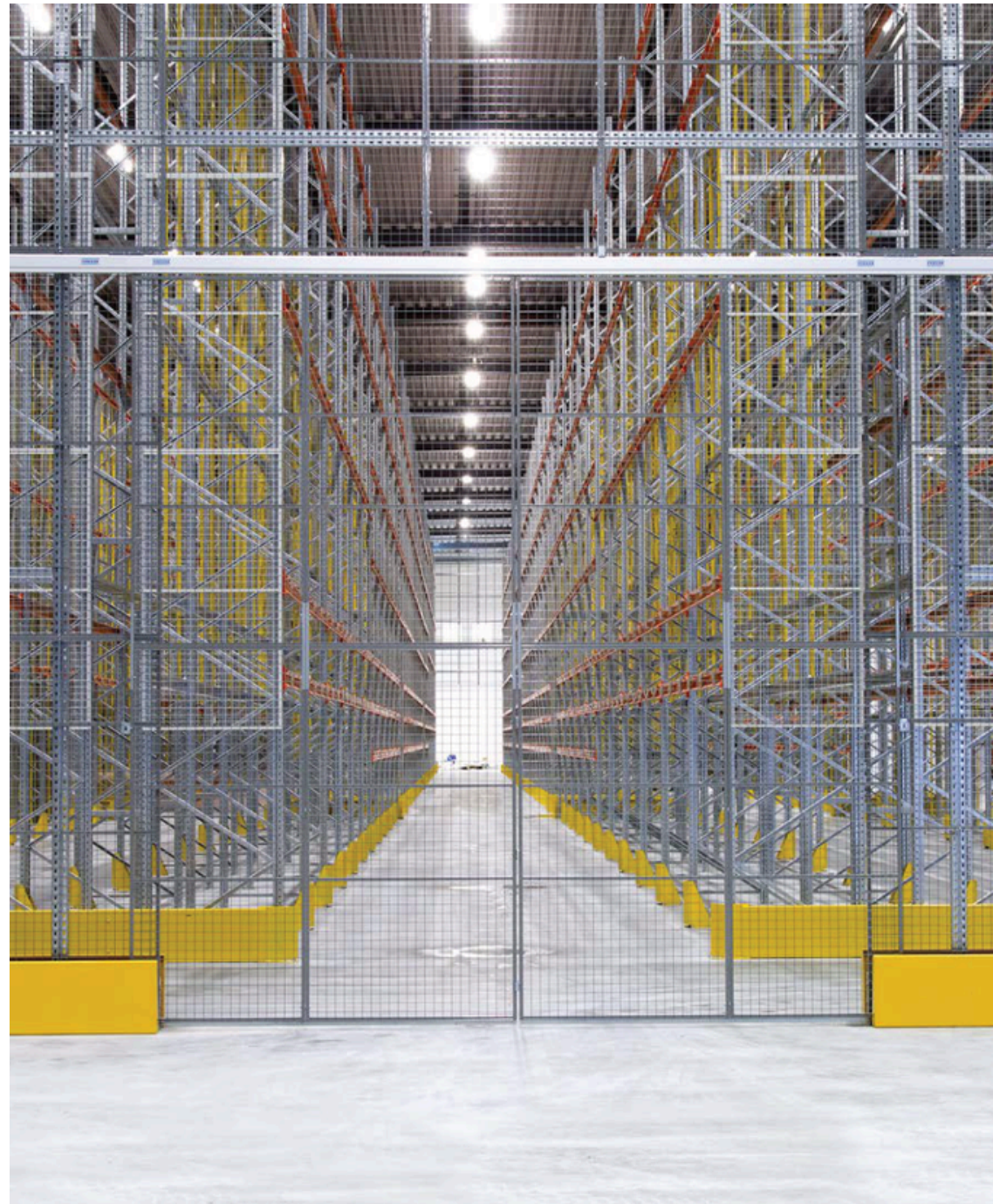
**FULL STEEL (UR SP)**  
UR SP modular full steel panels are ideal for creating storage areas for storing goods out of sight. They are made from profiled steel sheet and are available in a number of different standard widths.

**Tube UR:** 19 x 19 x 1 mm **Sheet Steel:** 0.7 mm  
**Heights:** 2,200 mm  
**Widths:** 200, 300, 700, 800, 1,000 and 1,200 mm

All panels are delivered powder-coated as standard with a grey RAL 7037 finish.

# DOORS.

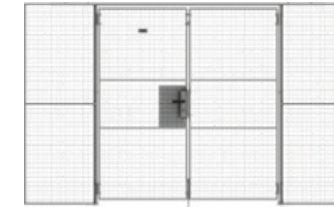
THE PICTURE SHOWS A SECURE STORAGE INSTALLATION USING OUR PARTITIONING SYSTEM. THE INSTALLATION REQUIRED AN 11 METRE HIGH WALL WITH ATTACHMENT TO THE EXISTING RACKING END FRAMES. A DOUBLE SLIDING DOOR IN A SINGLE RAIL WAS ALSO INSTALLED FOR ACCESS.



**SINGLE HINGED DOOR**  
Choose from Padlock, ASSA cylinder, Euro cylinder, Electric strike or Panic Bar.

STANDARD DIMENSIONS	
Door leaf Width	980 mm, 1,180 mm
Door leaf Height	2,100 mm
Door Width	1,000 mm, 1,200 mm

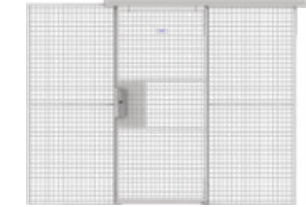
**Locking options:**  
Padlock, ASSA cylinder, Euro cylinder, Electric strike or Panic Bar.



**DOUBLE HINGED DOOR**  
Available in several widths with a number of different locking options.

STANDARD DIMENSIONS	
Door leaf Width	980 mm, 1,180 mm
Door leaf Height	2,100 mm
Door Width	2,000 mm, 2,400 mm

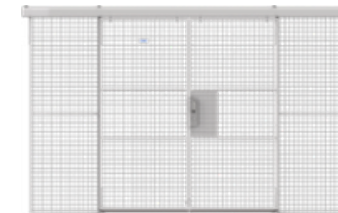
**Locking options:**  
Padlock, ASSA cylinder or Euro cylinder.



**SINGLE SLIDING DOOR (SINGLE RAIL)**  
Available in various widths with a number of locking options.

STANDARD DIMENSIONS	
Door leaf Width	980 mm, 1,180 mm
Door leaf Height	2,100 mm
Door Width	900 mm, 1,100 mm, 1,900 mm, 2,900 mm

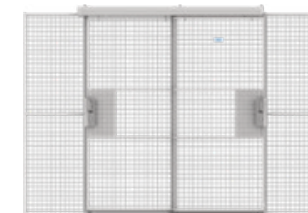
**Locking options:**  
Padlock, ASSA cylinder, Euro cylinder or Electric strike.



**DOUBLE SLIDING DOOR (SINGLE RAIL)**  
Available in several widths with a number of different locking options.

STANDARD DIMENSIONS	
Door leaf Width	980 mm, 1,180 mm
Door leaf Height	2,100 mm
Door Width	1,900 mm, 2,300 mm

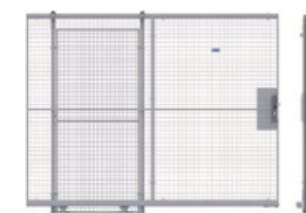
**Locking options:**  
Padlock, ASSA cylinder or Euro cylinder.



**DOUBLE SLIDING DOOR (DOUBLE RAIL)**  
Perfect when you want to divide a secured space. Available in various widths with a number of different locking options.

STANDARD DIMENSIONS	
Door leaf Width	980 mm, 1,180 mm
Door leaf Height	2,100 mm
Door Width	2 × 900 mm, 2 × 1,100 mm

**Locking options:**  
Padlock, ASSA cylinder or Euro cylinder.



**LINEAR SLIDING DOOR**  
A door with a clear opening height. No overhead track is required. Suitable for a forklift passage.

STANDARD DIMENSIONS	
Door leaf Height	2,200 mm
Opening Width	2,500, 3,000, 3,500 or 4,250 mm
Construction Width	4,000, 4,500, 5,000 or 6,000 mm

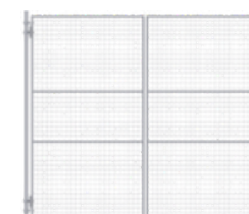
**Locking options:**  
Padlock, ASSA cylinder or Euro cylinder.



**CARRIER DOOR**  
An add-on kit to our standard sliding door.

STANDARD DIMENSIONS	
Door leaf Width	980 mm, 1,180 mm
Door leaf Height	2,100 mm
Door Width	1,900 mm, 2,300 mm

**Locking options:**  
Padlock, ASSA cylinder or Euro cylinder.



**SALOON DOOR**  
An add-on kit to our standard single or double hinged door.

STANDARD DIMENSIONS	
Door leaf Width	980 mm, 1,180 mm
Door leaf Height	2,100 mm
Door Width	2 × 900 mm, 2 × 1,100 mm

**Locking options:**  
Padlock, ASSA cylinder or Euro cylinder.

# LOCKS.



**PANIC BAR**  
For emergency evacuation. Available as a hinged door, fitted with euro profile cylinder. The Troax Panic Bar meets the requirements of norm EN 1125.



**ABLOY EL460**  
A kit with the electrical lock ABLOY EL460 is combined with split function for emergency exit from the inside.



**SAFE ESCAPE LOCK**  
A cylinder lock with the possibility to integrate a non-contact safety switch. Compatible with Smart Fix.



**ASSA CYLINDER**  
A frequently used door, which can be used both locked with a key or unlocked with just the handles.



**EURO CYLINDER**  
A frequently used door, which can be used both locked with a key or unlocked with just the handles.



**KNOB AND HANDLE / ELECTRIC STRIKE**  
Electric strike – When an electric keyless control is needed. For example together with a tag/code/card system.



**ELECTROMAGNETIC LOCK**  
This lock is compatible with a tag/code/card system and is a good solution when an electric keyless control is needed for a sliding door.



**PADLOCK**  
For less frequent access.

**TROAX HAS A WIDE ASSORTMENT OF DIFFERENT LOCKING OPTIONS, EACH TO SUIT A DIFFERENT NEED, DEPENDING ON THE APPLICATION, SECURITY AND DEGREE OF ACCESS.**

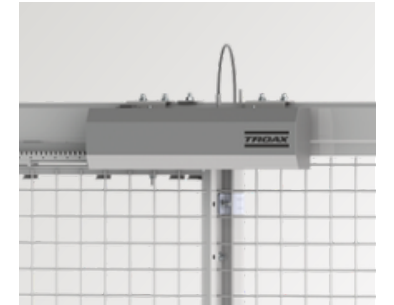
**WE ALSO HAVE SMART ADD-ON ARTICLES WHEN A STRONGER, A MORE STABLE, AND/OR A THOROUGH DOOR WITH EXTRA FUNCTIONS IS REQUESTED.**



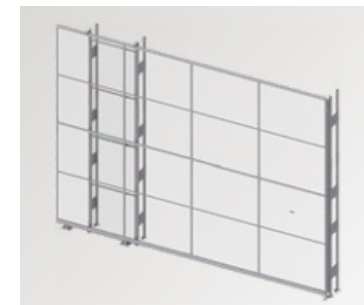
**ESPAGNOLETTE**  
Our standard espagnolette can easily be added to our double hinged doors. It provides a more stable door.



**DOOR CLOSER**  
We have a standard door closer which is compatible with all our single hinged doors.



**POWER DOOR**  
It is possible to power up a sliding door with a motor. You can add it to a new door or have it as a retrofit.



**BRACKET DOUBLE POST**  
Our brackets for double posts are compatible for both 60 x 40 and 80 x 80 double posts. This is our strongest solution for a high free-standing wall or door.

The picture shows our Kit post support in combination with a 4,400 mm high linear door.

# ACCESSORIES.

# SECURE YOUR PALLET RACKS.

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WAREHOUSE PARTITIONING TROAX



## DOORS

With Kit 7090 Pallet rack and Spacing tube 40 × 30, it is possible to fix standard swing doors and sliding doors against pallet racks. The upgraded Spacing tube with threads allows hinges on both sides. This makes it possible to mount a door both to the left and to the right of the pallet rack upright.

And our new flexible bracket is more stable and the slot makes it flexible to adapt in width.



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WAREHOUSE PARTITIONING TROAX



**Anti-collapse Steel Mesh System.**  
Sturzschutz-Gittersystem

**Standard regular inspection to check for - External application:**  
- Accidental damage or development of structural components

**Report all damage to the public safety to the relevant safety officer.**  
Report the damage to the manufacturer or the supplier.

**These anti-collapse steel mesh wall systems must not be used as building or part of the load-bearing or other safety structures.**  
They are not designed for these purposes.

**If any doubt always check with the supplier.**

**Manufacturer/Hersteller:**  
TROAX

**System capacity/Systemkapazität:**  
System capacity/Systemkapazität: 1000 kg/m²

**System description/ Systembeschreibung:**  
System description/ Systembeschreibung: Anti-collapse steel mesh wall system

**Panel type/Plattentyp:**  
Panel type/Plattentyp: Mesh

**Standard Brackets/Standardbrackets:**  
Standard Brackets/Standardbrackets: TROAX

**TROAX**

# ANTI-COLLAPSE SYSTEM.

Our anti-collapse system prevents any risk of spillage from pallets in warehouse storages. This is a system that has been created for safe handling and storing of products in a logistics environment.

The Troax anti-collapse system, is the strongest on the market. It is a durable barrier against accidents caused by goods falling from or being mistakenly knocked off pallet racks, and it prevents any risk of overloading in high-stacking situations.

The system is made from fully welded mesh and steel frames, and is strong and durable. The panels are available in three models with different safety

levels to suit your specific needs. Anti-collapse panels are easy to mount using our sturdy brackets, which fit the majority of pallet racks.

Mesh panels are the basis of our anti-collapse system. They are available in three mesh sizes to suit different types of goods. The Troax anti-collapse system can be combined with pallet racks of various sizes. Choose between panels from 700 to 1,500 mm wide, with a height of 1,100 or 2,200 mm. The standard grey colour is neutral and makes it easy to see through the mesh, but panels can be supplied in your choice of colour – or galvanised.

PANEL (H x W)
2,200 x 700 mm
2,200 x 1,200 mm
2,200 x 1,500 mm
1,100 x 700 mm
1,100 x 1,200 mm
1,100 x 1,500 mm

Available in mesh sizes 50 x 50, 100 x 50 and 25 x 25 mm.

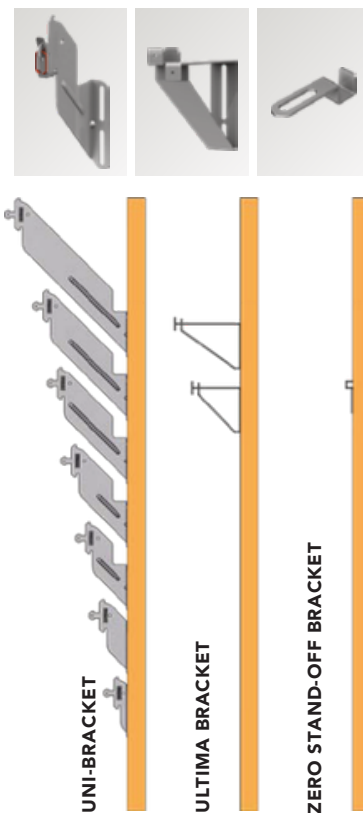
TECHNICAL INFORMATION
Frame 19 x 19 x 1.0 mm
Wire 2.5 x 2.5 mm
Finish Powder paint, Grey RAL 7037

Available with hot-dip galvanised finish.

UNI-BRACKET
Uni-bracket 50 mm, pre-galvanised
Uni-bracket 100 mm, pre-galvanised
Uni-bracket 150 mm, pre-galvanised
Uni-bracket 200 mm, pre-galvanised
Uni-bracket 250 mm, pre-galvanised
Uni-bracket 300 mm, pre-galvanised
Uni-bracket 400 mm, pre-galvanised

ULTIMA BRACKET
Ultima 150 mm, powder-coated
Ultima 210 mm, powder-coated

ZERO STAND-OFF BRACKET
Kit ACL 0 mm bracket (20 pcs), pre-galvanised



**THE PENDULUM TEST METHOD**  
One purpose with the pendulum test is to document the effect of a high-energy impact test of 2,500 joules on our anti-collapse system with bracket. At the test, a pendulum of 160 kilograms was adjusted so that the impact hit the middle of the mesh in one of the panels. The impact test of 2,500 joules is approximately 160 kilograms at 20.1 km per hour.

The results were good; the anti-collapse system with bracket withstood the impact. There were no penetration and no parts departed. All panels, brackets, and retainers remained attached. The fact that our test method is certified means that our anti-collapse system with bracket has high quality, and most importantly, that you are safe.

## 2,500 JOULES

In order to simulate a real-life event, the 160 kg pendulum hits the panel at a speed of 20.1 km/h.



# TROAX



CAGE. Troax Cage is a flexible and modular construction, and all depths are possible – it can even be tailored from 200 mm up to the infinity. Also, depth can be extended when needed, as these panels easily can be modified on-site if your applications should

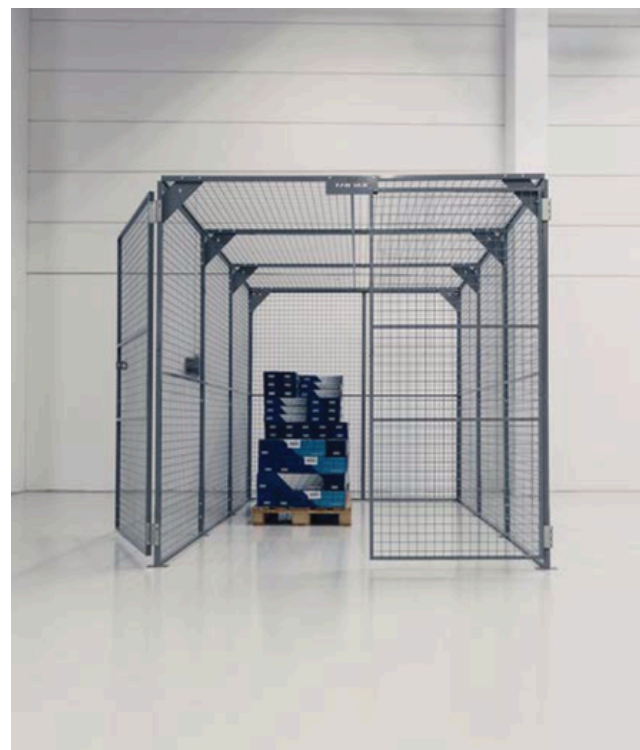
change.

# FROM 200 MM, UP TO THE INFINITY.

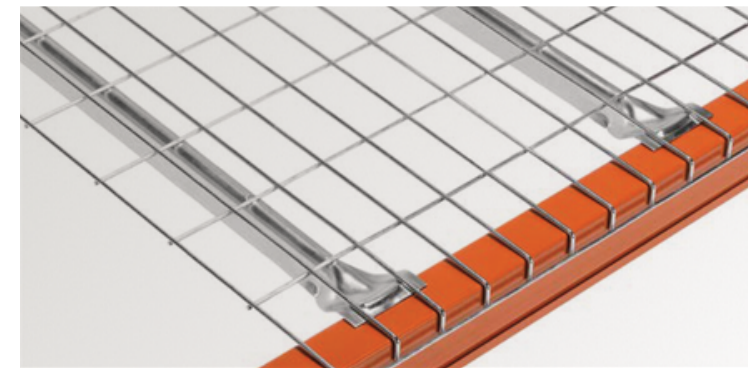
Troax Cage is a quick and easy anti-theft solution, suitable for warehouses or on construction sites. Its free-standing design and construction makes it particularly suitable for storing hazardous materials and protecting against theft or vandalism.

The sturdy mesh panels of the cage allow great visibility and control over the stored items. Troax Cage is easy to assemble and can be used for both temporary and permanent installations. A double door of 1,000+1,200 mm allows an easy access for forklifts, and the unique design of the hinge enables a 270 degree opening of both doors.

The mesh panels are available in both grey RAL 7037 for indoor use, and hot-dip galvanised finish, which makes it ideal for outdoor use.



# SHELVES AND DIVIDERS. STANDARD SHELVES



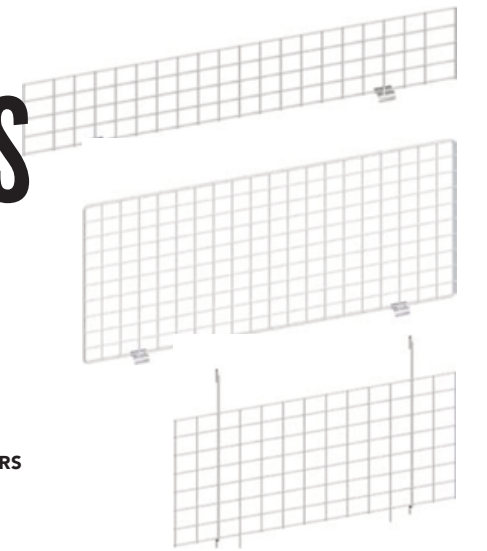
Custom shelves are made in lots of different variations upon request.

- **ROUNDED WIRE ENDS**
- **1 100x890 MM FOR RACKING WITH 50 MM BEAMS, MESH SIZE 50x100 MM, WATERFALL 25 MM**
- **PRE-GALVANISED FINISH**
- **REINFORCEMENT: FLAT BARS (500 KG) OR STANDARD AND INVERTED OMEGA PROFILE (500, 800 AND 1 000 KG UDL)**
- **SAFETY WIRE IN THE FRONT AND BACK**

# DIVERSE DIVIDERS

Troax offers all types of dividers in different sizes and shapes to optimize your shelf solution. Our dividers are made of high-grade steel for maximum durability, keeping your warehouse organized and your goods safe. We offer mesh dividers with clips in three standard heights: 200, 300 and 500 mm.

- **STANDARD DIVIDERS WITH CLIPS**
- **DIVIDERS WITH EXTERNAL WIRE**
- **HANGING DIVIDERS**
- **FLUE SPACER DIVIDERS**
- **DIVIDERS WITH TUBULAR FRAMES**



# A SAFER TOMORROW ■ SINCE 1955 →

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